



# HF Inlays and Tags

## Products that best fit your requirements

Linxens High Frequency (HF) Inlay and Tag portfolio covers a wide range of antenna sizes and protocols offering great application flexibility and fit-for-function designs for demanding applications.

ISO-compliant 13.65MHz HF RFID technology is globally proven and accepted for a large number of vertical markets. It is a perfect fit for access control, public transport and for industrial applications such as asset tracking and many more...

Our RFID Inlay and Tag products offer a robust performance even when used within a challenging environment or on difficult materials such as liquids.

Linxens HF Inlays are Made in Germany.

Production sites are certified with ISO 9001:2015 Quality Management System and ISO 14001:2015 Environmental Management System standards.

Antenna	Antenna size	IC family
	Class 1 (ID1) app. 75mm x 46mm	NXP MIFARE family (e.g. Ultralight, DESFire) NXP ICODE family (e.g. SLI, SLIX) NXP NTAG family Sony FeliCa RC-S966 Series Infineon CIPURSE move family EM Marin (e.g. EM 4233/4237) TI Tag-it HF-I Plus
	Class 2 45mm x 45mm	NXP MIFARE family (e.g. Ultralight, DESFire) NXP ICODE family (e.g. SLI, SLIX) NXP NTAG family TI Tag-it HF-I Plus
	Class 2 (ID½) app. 72mm x 22mm	NXP MIFARE family (e.g. Ultralight, DESFire) NXP ICODE family (e.g. SLI, SLIX) NXP NTAG family
	Class 3 Ø 35mm	NXP MIFARE family (e.g. Ultralight, DESFire) NXP ICODE family (e.g. SLI, SLIX) NXP NTAG family TI Tag-it HF-I Plus
	Class 6 Ø 24mm	NXP MIFARE family (e.g. Ultralight, DESFire) NXP ICODE family (e.g. SLI, SLIX) TI Tag-it HF-I Plus
	Class 6 app. 17mm x 10mm	NXP ICODE family (e.g. SLI, SLIX) NXP NTAG family
	Class 5 app. 22.5mm x 38mm	NXP NTAG family TI Tag-it HF-I Plus

Other antenna sizes upon request.

**RFID**

**Overview**

**Operating Frequency**  
 • 13.56 MHz

**International Standards**  
 • ISO 14443  
 • ISO 15693  
 • ISO 18000-3, Mode 1

**Application Area**  
 • Medical care  
 • Industry  
 • Product Authentication  
 • Hospitality, Leisure & Entertainment  
 • Transport  
 • Access Control  
 • ... and many more